

Patent Abstracts of Japan

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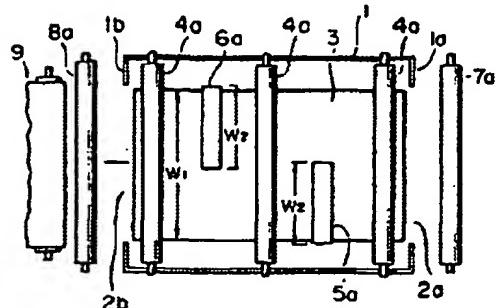
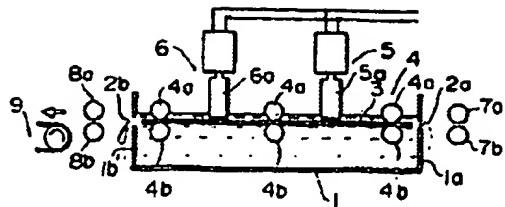
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TITLE : MANUFACTURE OF PRINTED WIRING
BOARD AND DEVICE THEREFOR



ABSTRACT : PURPOSE: To remove cutting tailings that fill through-holes thoroughly by a method wherein vibration is given to a wiring board through a liquid as the printed wiring board is made to move horizontally in the liquid.

CONSTITUTION: A wiring board inlet 2a and a wiring board outlet 2b are provided to opposed side walls 1a and 1b of a liquid reservoir tank 1. For instance, two ultrasonic vibrators 5 and 6 are provided, which give ultrasonic vibration to the wiring board 3 that is conveyed by a conveying means 4. An ultrasonic vibration is given to the wiring board 3 provided with through-holes filled with cutting tailings as the board 3 is made to move horizontally in the liquid. By these processes, cutting tailings that fill the through-holes provided to the wiring board 3 are thoroughly removed.

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